

Claims

- [c1] What is claimed is:
1. An information processing apparatus comprising:
- a housing;
 - a processing module installed in the housing for controlling the information processing apparatus;
 - an input module installed in the housing and electrically connected to the processing module for receiving input signals to generate corresponding control signals and for transmitting the corresponding control signals to the processing module;
 - a display device installed in the housing and electrically connected to the processing module for transforming information transmitted from the processing module into video data and for displaying the video data;
 - a scent control circuit installed in the housing and electrically connected to the processing module for generating a scent control signal; and
 - a scent releasing module installed in the housing and electrically connected to the scent control module for releasing scent particles according to the scent control signal, such that a user can smell scent corresponding to the scent particles.
- [c2] 2. The information processing apparatus of claim 1 wherein the scent releasing module comprises:
- a scent storage media for storing the scent particles; and
 - a scent releaser connected to the scent storage media for releasing the scent particles stored in the scent storage media according to the scent control signal.
- [c3] 3. The information processing apparatus of claim 2 wherein the scent storage media is liquid scent storage media.
- [c4] 4. The information processing apparatus of claim 2 wherein the scent storage media is solid scent storage media.
- [c5] 5. The information processing apparatus of claim 2 wherein the scent releaser releases the scent particles stored in the scent storage media by heating the scent storage media.

- [c6] 6.The information processing apparatus of claim 2 wherein the scent releaser releases the scent particles stored in the scent storage media by vibrating the scent storage media with ultrasonic waves.
- [c7] 7.The information processing apparatus of claim 2 wherein the scent storage media is accommodated within a cartridge.
- [c8] 8.The information processing apparatus of claim 7 wherein the scent releaser is fixed inside the housing and the cartridge is detachably connected to the scent releaser.
- [c9] 9.The information processing apparatus of claim 7 wherein the cassette is capable of accommodating a plurality of scent storage media, each scent storage media storing particles of different scent.
- [c10] 10.The information processing apparatus of claim 1 wherein the scent releasing module is detachably installed in the housing.
- [c11] 11.The information processing apparatus of claim 1 further comprising a wireless communication module electrically connected to the processing module for receiving wireless signals so as to generate corresponding communication signals and for transmitting the communication signals to the processing module.
- [c12] 12.The information processing apparatus of claim 11 wherein the processing module is capable of controlling the scent control circuit according to the communication signals so as to enable the scent control circuit to generate scent control signals corresponding to the communication signals.
- [c13] 13.The information processing apparatus of claim 11 wherein the wireless communication module is further capable of wirelessly transmitting information transmitted from the processing module to other wireless communication devices.
- [c14] 14.The information processing apparatus of claim 13 further comprising a microphone electrically connected to the processing module for transforming voice waves into sound signals and for transmitting the sound signals to the

processing module, and the processing module being capable of controlling the wireless communication module to wirelessly transmit the sound signals to other wireless communication devices.

- [c15] 15.The information processing apparatus of claim 11 further comprising a speaker electrically connected to the processing module for transforming information transmitted from the processing module into voice waves.
- [c16] 16.The information processing apparatus of claim 15 wherein the processing module is capable of controlling the speaker to transform the communication signals into corresponding voice waves according to the communication signals.
- [c17] 17.The information processing apparatus of claim 1 further comprising a memory electrically connected to the processing module for storing information.
- [c18] 18.The information processing apparatus of claim 17 wherein the memory is capable of storing scent module information corresponding to operation states of the scent releasing module.
- [c19] 19.The information processing apparatus of claim 18 wherein the scent releasing module further comprising a scent storage media for storing the scent particles, and the scent module information is used for recording type information of the scent particles.
- [c20] 20.The information processing apparatus of claim 18 further comprising a wireless communication module electrically connected to the processing module for wirelessly transmitting information transmitted from the processing module to other wireless communication devices.
- [c21] 21.The information processing apparatus of claim 20 wherein the processing module is capable of transmitting the scent module information to the wireless communication module, and the wireless communication module then wirelessly transmitting the scent module information to other wireless communication devices.
- [c22] 22.The information processing apparatus of claim 17 wherein the memory

stores data in a non-volatile way

23.The information processing apparatus of claim 1 being a mobile phone.

[c23] 24.The information processing apparatus of claim 1 being a computer.

[c24] 25.The information processing apparatus of claim 1 being a notebook computer.